

Stevens Creek Wastewater and Lift Station Project

Community Meeting: February 19, 2020

Mint Hill Town Hall

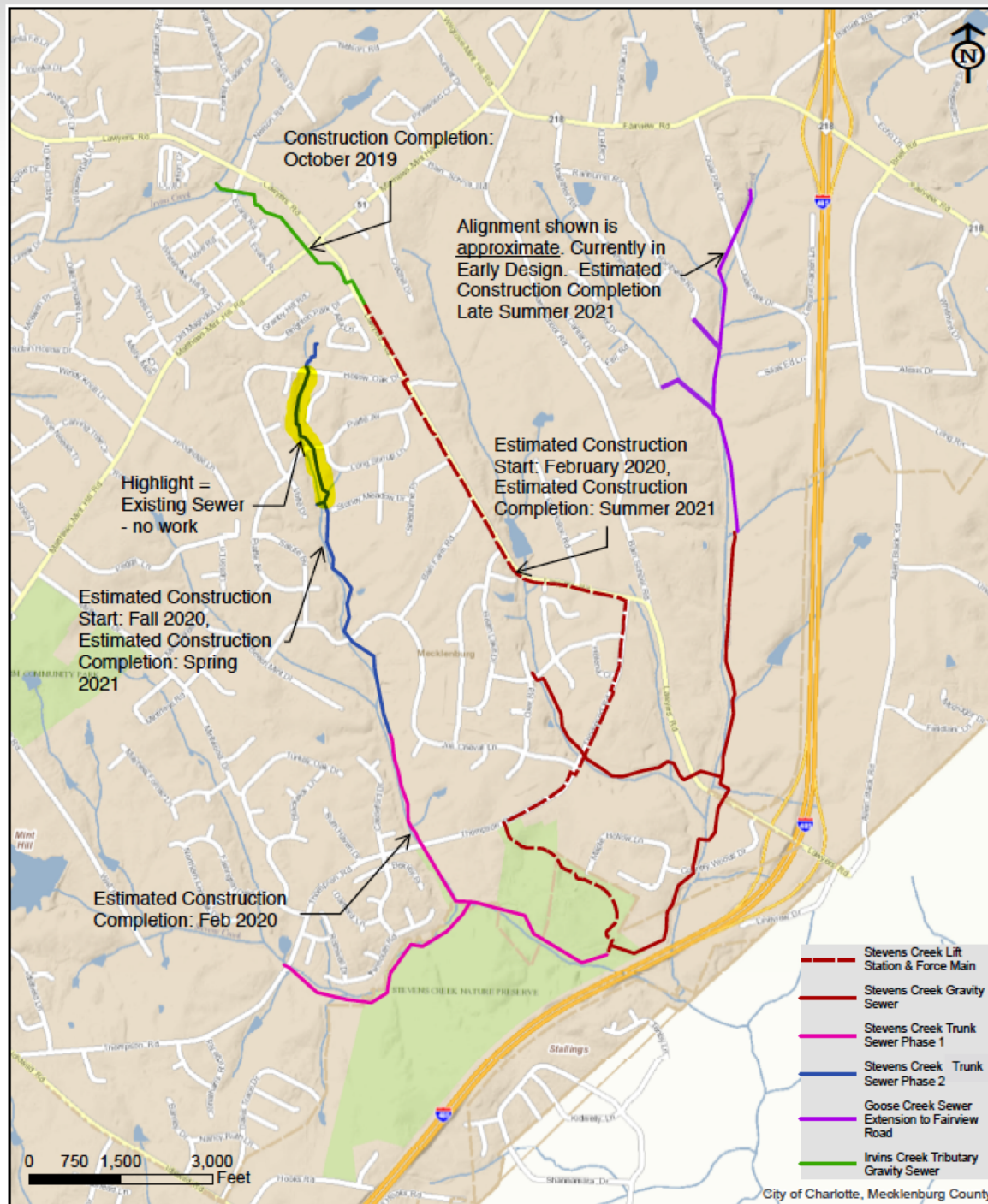


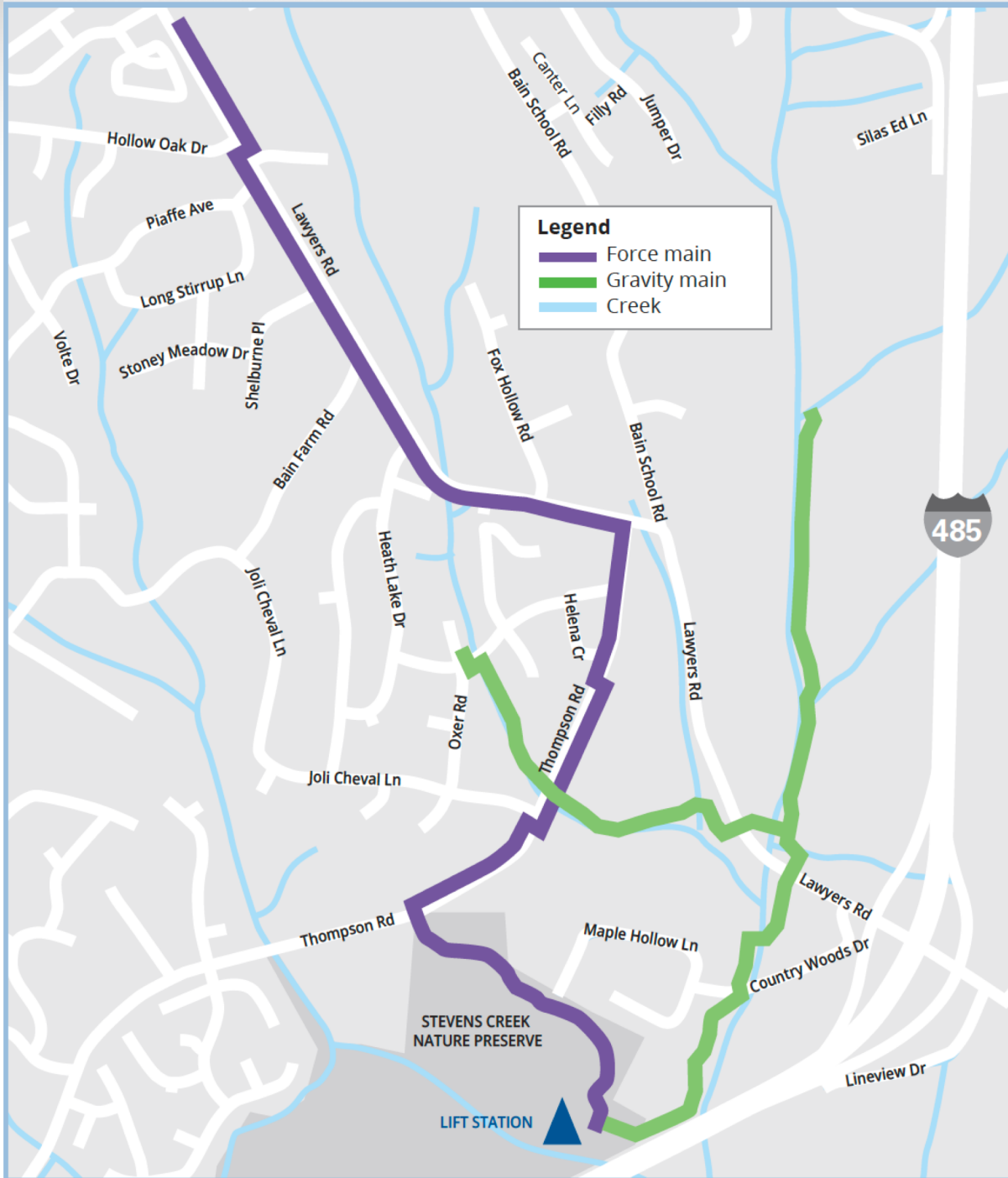
Agenda/Overview

- Meet key project team members
- Wastewater and lift station project overview
- Charlotte Water and Connection Basics
- Q&A

Why are Improvements Needed?

- Lay foundation to bring public wastewater service to a previously underserved area; step one in the process
- Once completed, the lift station will pump wastewater to a treatment plant
- As part of the project, Oxford Glen Wastewater Treatment Plant will be decommissioned





What Has Been Done So Far?

- Field/survey work
- Design and permitting
- Easement acquisitions
- Contractor selection – Crowder Construction

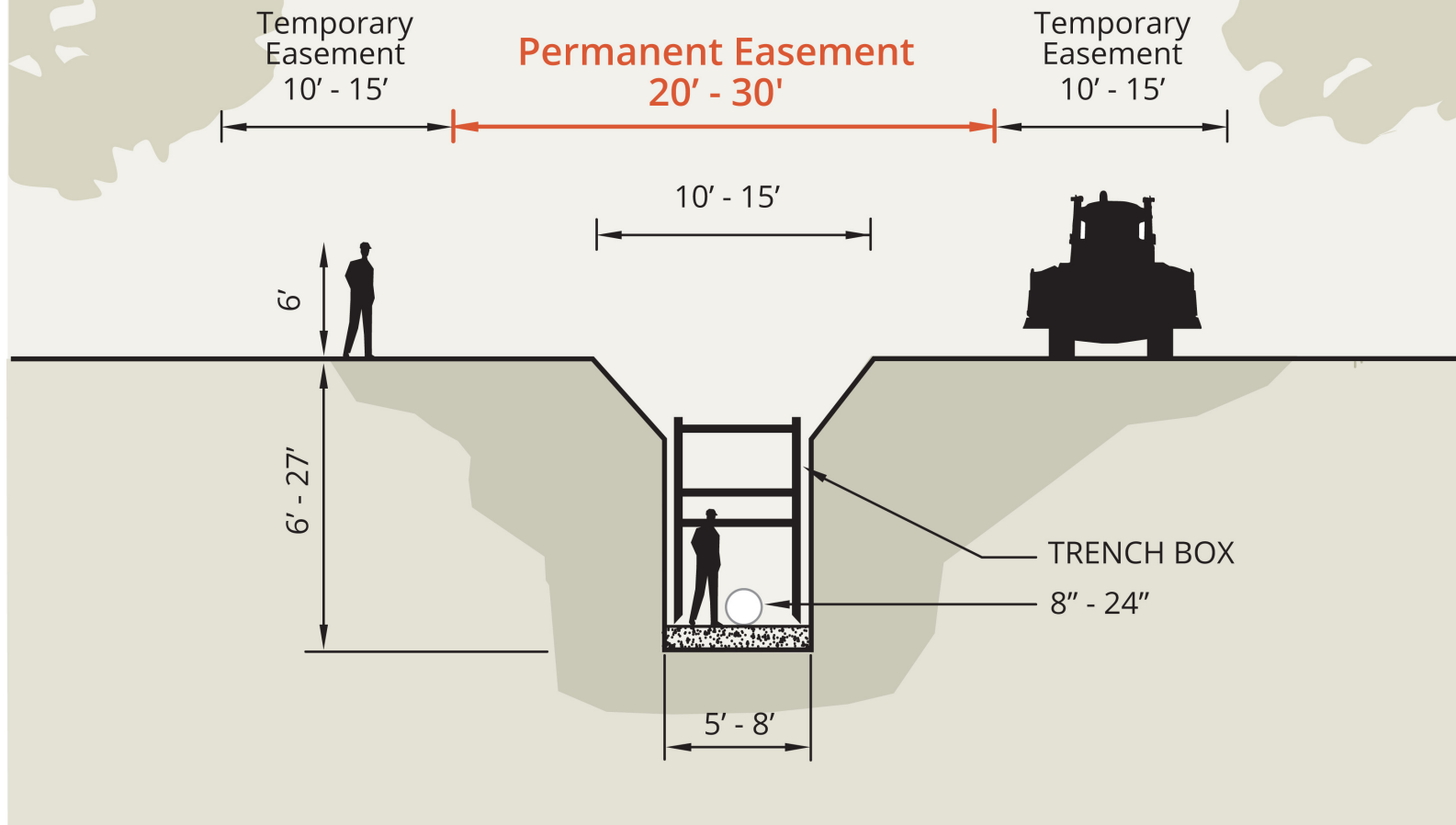
Upcoming Work

- Mobilization and construction – activities will begin in February 2020 and are expected to be completed within 18 months.
- Pre-blast surveying – impacted property owners that have a structure within 500 feet of center of construction will be contacted for pre-blast surveys. Three notifications will be issued.

Construction Activities to Expect

- Clearing and trimming within easements
- Moving equipment on site
- Pipe delivery and storage
- Establishing a safe work zone
- Traffic control measures
- Trench digging, placing pipe and back filling
- Construction traffic in easements
- Blasting (if needed)

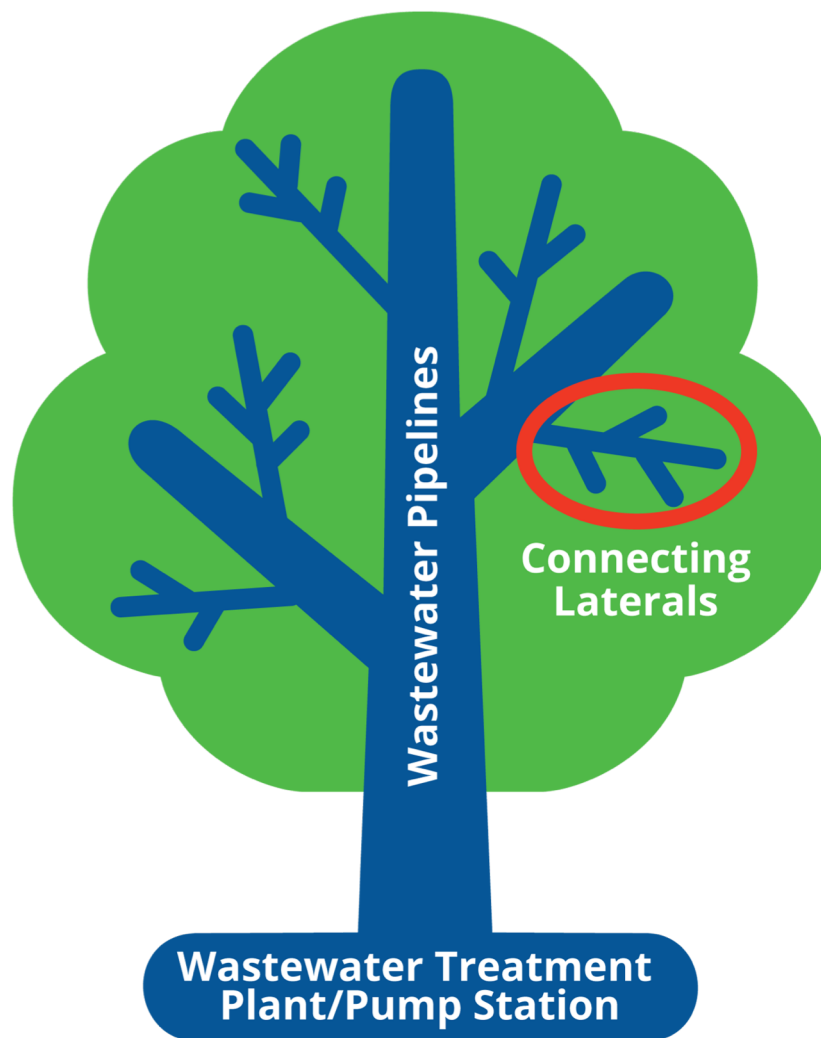
OPEN-CUT TRENCH



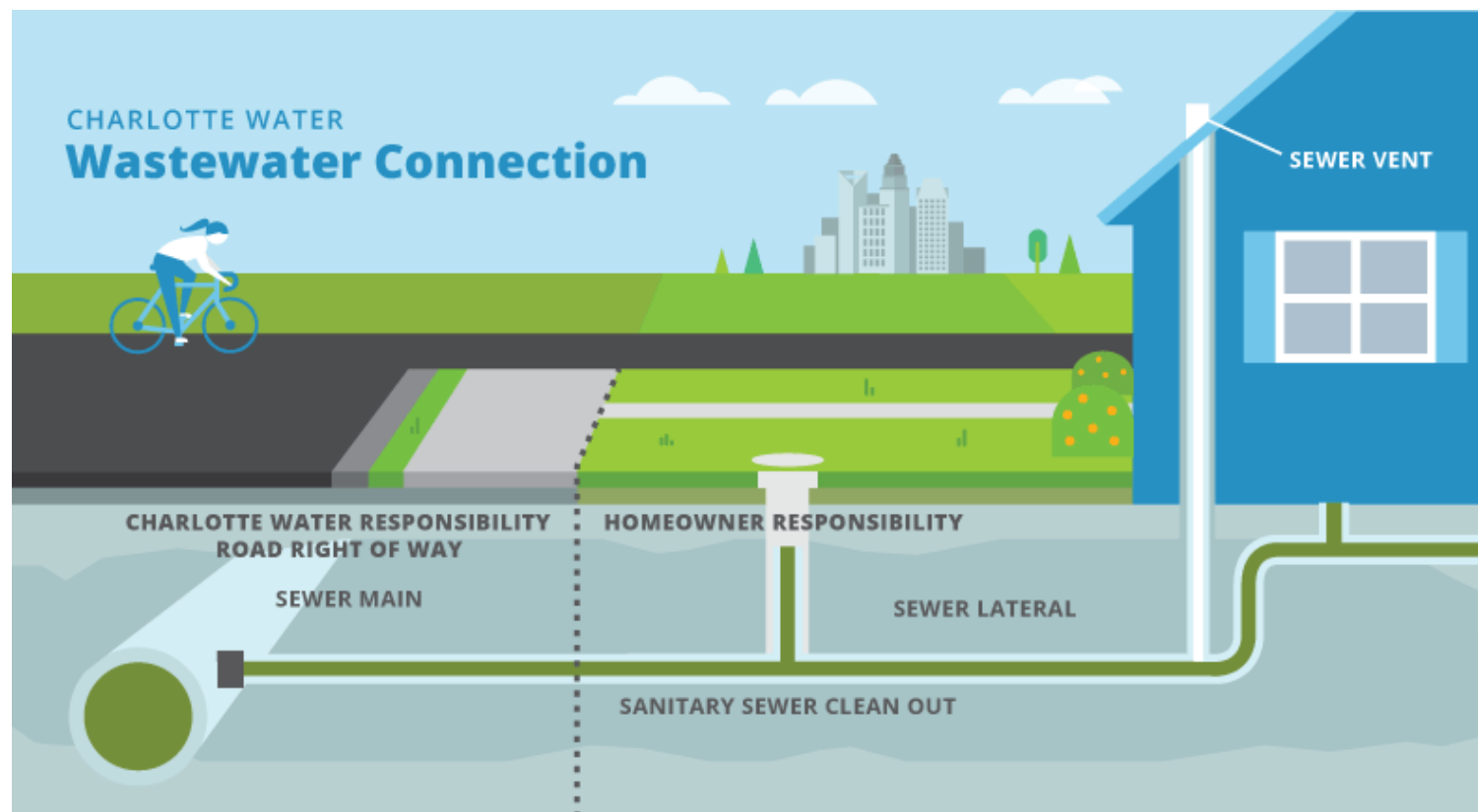
What is Blasting?

- Removal of underground rock by use of small controlled blasting
- Blasting is a standard construction procedure
- Seismograph monitor will record all vibrations to ensure they are within specifications
- Impacted property owners will have opportunity for pre- and post-blast surveys

How Does a Wastewater System Work?



Charlotte Water Process for Connecting New Customers



Charlotte Water Wastewater Basics

- Charlotte Water is the largest public drinking water and wastewater utility in the Carolinas, serving more than 1M customers in Mecklenburg County.
- Charlotte Water does not include storm water.
- Charlotte Water is not funded with tax dollars, but with customer revenue.
- No one is required to connect.
- Interested property owners can apply.

Wastewater Extension Policy

- Residential property must be:
 - Located within 1,000 feet by street of an existing or under construction wastewater line
 - Able to be served by gravity
 - Not an existing wastewater customer of Charlotte Water

Wastewater Extension Policy

Charlotte Water New Meter or Se x +

charlottenc.gov/Water/Development/NewTaps/Pages/NewConnectionsResidential.aspx

Charlotte Hourly W... Suggested Sites Imported From IE RETRO - Real Estate

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CHARLOTTE WATER

ABOUT US ▾ DEVELOPMENT & CONNECTIONS ▾ RATES & BILLING ▾ CUSTOMER CENTER ▾ PROJECTS ▾

City of Charlotte > Charlotte Water > Development & Connections > Service Connections > New Connections Residential Print Share

Residential Service Connections

Charlotte Water installs new water and sanitary sewer services connecting to accessible existing mains upon request by residential/commercial customers.

A water service includes the following:

- Connection to the public water main;
- Service lateral to property line valve or 1 foot behind the meter (whichever is applicable);
- Meter assembly & vault

A sewer service includes the following:

- Connection to the existing public sewer main or existing/proposed manhole;
- Service lateral to the edge of public road right-of-way or limits of sewer easement;
- Clean out / Stub out for the connection by a private plumber

Please reference the applicable service request requirements below to determine the necessary items required for subject services:

Residential Domestic Water/Sewer Service Requirements:

- Availability of existing water and/or sewer shall be confirmed with CLT Water Customer Service
- Residential New Service Application shall be completed

Resources

- New Service Application for Single Family Residences
- Connection & System Development Fees
- Capacity Assurance Review Application (Flow Acceptance/Willingness to Serve)
- New Service Site Plan Review Checklist
- Alternate Installation Terms and Conditions (Example)
- Sewer Locates Application
- Dismantlement Application

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Get More Info on Wastewater Service Connection

- Website
 - charlottewater.org (click on “[development and connections](#)”)
- Phone
 - 311 or 704-336-7600
- In person (required for application)
 - Come to 5100 Brookshire Blvd, Charlotte
 - 8-5 Monday thru Friday

Project Communications

- Project contact
 - Jeffrey “Mac” McClanahan, Charlotte Water,
Jeffrey.McClanahan@charlottenc.gov, 704-995-7489
- Mailers
- Website: CharlotteWater.org, click on
“construction projects”
- Nextdoor